

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	M99059	Client:	Alaskan Copper Works
Date Received:	06/22/06	Project:	Metro Self Monitor, PO# M99059
Date Extracted:	06/27/06	Lab ID:	606223-01 10x
Date Analyzed:	06/27/06	Data File:	606223-01 10x.033
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	btb

Internal Standard:	% Recovery:	Lower	Upper
Germanium	77	Limit:	Limit:
		60	125

Analyte:	Concentration ug/L (ppb)
Chromium	1,810
Nickel	1,940
Copper	1,170
Zinc	<50

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Alaskan Copper Works
Date Received:	Not Applicable	Project:	Metro Self Monitor, PO# M99059
Date Extracted:	06/27/06	Lab ID:	I6-296 mb
Date Analyzed:	06/27/06	Data File:	I6-296 mb.018
Matrix:	Water	Instrument:	ICPMS1
Units:	ug/L (ppb)	Operator:	btb

Internal Standard:	% Recovery:	Lower	Upper
Germanium	86	Limit:	Limit:
		60	125

Analyte:	Concentration ug/L (ppb)
Chromium	<1
Nickel	<1
Copper	<1
Zinc	<5

FRIEDMAN & BRUYA, INC.**ENVIRONMENTAL CHEMISTS**

Date of Report: 06/29/06

Date Received: 06/22/06

Project: Metro Self Monitor, PO# M99059, F&BI 606223

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF WATER SAMPLES
FOR METALS BY EPA METHOD 200.8**

Laboratory Code: 606205-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	ug/L (ppb)	10.6	10.9	3	0-20
Nickel	ug/L (ppb)	15.3	15.9	4	0-20
Copper	ug/L (ppb)	3.86	3.83	1	0-20
Zinc	ug/L (ppb)	10.2	<5	74 a	0-20

Laboratory Code: 606205-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Chromium	ug/L (ppb)	20	10.6	104	50-150
Nickel	ug/L (ppb)	20	15.3	102	50-150
Copper	ug/L (ppb)	20	3.86	101	50-150
Zinc	ug/L (ppb)	50	10.2	102	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	ug/L (ppb)	20	101	70-130
Nickel	ug/L (ppb)	20	102	70-130
Copper	ug/L (ppb)	20	103	70-130
Zinc	ug/L (ppb)	50	101	70-130

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
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e-mail: fbi@isomedia.com

June 29, 2006

DUPLICATE COPY

INVOICE # 06ACU0629-1

Accounts Payable
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

RE: Project Metro Self Monitor, PO# M99059, F&BI 606223 - Results of testing
requested by Gerry Thompson for material submitted on June 22, 2006.

1 sample analyzed for Total Chromium, Copper, Nickel and Zinc
by Method 200.8 @ \$80 per sample

\$ 80.00

Amount Due

\$ 80.00

FEDERAL TAX ID #(b) (6)

606223

SAMPLE CHAIN OF CUSTODY

ME 6/22/06 AI4

Send Report To SEAC Thompson
 Company Alaskan Copper Works
 Address 628 S. Howard St
 City, State, ZIP Seattle WA 98134
 Phone # 206-382-8779 Fax # 206-382-4709

SAMPLERS (signature)

PROJECT NAME/NO.

~~metno~~ metno Self
monitor

PO #

M99059

REMARKS

Page # _____ of _____

TURNAROUND TIME

- ☐ Standard (2 Weeks)
☐ RUSH

Rush charges authorized by: _____

SAMPLE DISPOSAL

- ☐ Dispose after 30 days
☐ Return samples
☐ Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED										Notes
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS					
M99059	01	6/22/06	10:00 AM	A20	1											

Friedman & Bruya, Inc.
 3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

FORMS\COC\COC.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>G. Thompson</u>	<u>ACW</u>	<u>6/22/06</u>	<u>11:45 PM</u>
Received by: <u>[Signature]</u>	<u>HONG N. Nguyen</u>	<u>FBI</u>	<u>6/22/06</u>	
Relinquished by:				
Received by:				

FRIEDMAN & BRUYA, INC.

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June 29, 2006

Gerry Thompson, Project Manager
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

Dear Mr. Thompson:

Included are the results from the testing of material submitted on June 22, 2006 from the Metro Self Monitor, PO# M99059, F&BI 606223 project. There are 3 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
ACU0629R